PTO/SB/05 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION TRANSMITTAL (Only for new mangrovisional applications under 37 CFR 1.53(b)) Express Mail Label No. APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents. APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents. APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents. APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents. APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents. APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents. APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents. APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents. APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents. APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents. APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents. APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents. APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application of a complete program listing appendix or a complete program listing appendix			Attorno	ey Docket No.	R218	30.0059	3/P059-G			
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Alexandria, VA 22313-1450 1. X Fee Transmittal Form (e.g., PTO/SB/17) 2. Applicant claims small subjects (e.g. pto processing) 3. Applicant claims small subjects (e.g. pto processing) 4. X Specification [Total Pages 29] 5. X Specification [Total Pages 29] 6. Exceptive title of the invention 6. Computer Regarding Feed sponsored R 0 6. Submitted Arrangement set forth below) 6. Page of the processory 6. Submitted Arrangement set forth below) 7. Cost Reference to Related Applications R 0 6. Submitted Arrangement set forth below) 8. Submitted Arrangement set forth below 6. Submitted Arrangement set submitted set submitted submitted set submitted submitted set submitted submitted submitted set submitted subm	· ·		ntents.	ADDRESS T				0		
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3. X Specification (referred arrangement set forth below) - Coaccipive tills of the invention - Cross Reference to Related Applications - Referred to Requester the Related Applications - Reference to Sequence to Related Applications - Reference to Sequence thing, a table, or a computer program listing appendix - Background of the Invention - Brite Summary of the Invention - Brite Summary of the Invention - Brite Summary of the Invention - Claim(s) - Computer Readable Form (CRF) - Statements verying indeptity of above copies - C. Statements verifying indeptity of above copies - ACOMPANYING APPLICATION PARTS - ACOMPANYING APPLICATION PARTS - Statements verifying indeptity of above copies - Acompteted very set of the Statement Power of (when there is an assignment) - Power of (when there is an assignment) - Power of (when there is an assignment) - Refurming Amendment - I. Statement (IDS)/PTO-1449 - Copy from a prior application (I	2 Applican	t claims small entity status.		8 Nucleotide a	nd/or Āmi	ino Acid S		n		
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- Brief Summary of the Invention - Brief Description of the Drawings (if filled) - Detailed Description of the Drawings (if filled) - Detailed Description of the Drawings (if filled) - Detailed Description of the Drawings (if St. S. C. 173)										
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- Claim(s) - Abstract of the Disclosure 4. X Drawing(s) (35 U.S.C. 113)	- Brief I	Description of the Drawings (if filed)		9. Assignm	ent Pape	ers (cover	sheet & document(s))		
4. X Drawing(s) (35 U.S.C. 113) [Total Sheets 9] 1 11. English Translation Document (if applicable) 5. Oath or Declaration [Total Sheets 3] 1 12. X Information Disclosure Copies of IDS Statement (ISS)PTO-1449 Citations a. Newly executed (original or copy) b. X (Copy from a prior application (37 CFR 1.63(d)) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.75: Continuation [X Divisional Continuation-in-part (CIP) of prior application information: Examiner N. Hindi Art Unit: 2655 For CONTINUATION OR DIVISIONAL APPS only. The entire disclosure of the prior application, from which an oath or declaration is supplied under 80x 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS X Customer Number: 24998 OR Correspondence address below Name DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP Christopher S. Chow Address 2101 L Street NW City Washington State DC Zip Code 20037-1526 Country US Firstopher S. Chow Registration No. (Altorney/Agent) 46,493	- Claim	(s)								
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b. X Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the lifte, or in an Application Data Sheet under 37 CFR 1.76: Continuation X Divisional Continuation-in-part (CIP) of prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation san only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS X Customer Number: 24998 OR Correspondence address below Name DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP Christopher S. Chow Address 2101 L Street NW City Washington State DC Certified Copy of Priority pocument(s) (Should be specifically itemized) 15. Certified Copy of Priority place itemized) 16. Nonpublication Request under 35 U.S. C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. Other: Other: 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first senience of the specifically itemized) 16. Nonpublication Request under 35 U.S. C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. Other: 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first senience of the specifically itemized) 17. Other: 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first senience of the specification form priority is claimed. 18. If a CONTINUING APPLICATION, check	5. Oath or Declar	ation [Total Sheets	3]					IDS		
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18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: Continuation X Divisional Continuation-in-part (CIP) of prior application No.: 10/199,042 Prior application information: Examiner N. Hindi Art Unit: 2655 For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS X Customer Number: 24998 OR Correspondence address below Name DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP Christopher S. Chow Address 2101 L Street NW City Washington State DC Zip Code 20037-1526 Country US Telephone (202) 785-9700 Fax (202) 887-0689 Name (Print/Type) Christopher S. Chow	[]			17. Uther:						
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Christopher S. Chow 2101 L Street NW		DICKSTEIN SHAPIRO MORIN	& OSI	HINSKY LLP						
City Washington State DC Zip Code 20037-1526 Country US Telephone (202) 785-9700 Fax (202) 887-0689 Name (Print/Type) Christopher S. Chow Registration No. (Attorney/Agent) 46,493	Name	Christopher S. Chow								
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	Country	US Tel	ephone	(202) 785-970	00	F	ax (202) 887-	0689		
	Name (Print/	Type) Christopher S. Chow		Registration N	lo. (Attorn	ney/Agent	46,493			
	Signature					Date	10/6/03.	-		



PTO/SB/17 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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for FY 2003		Filing Date			October 6, 2003			
	Į.	First Named Inventor			ntor Kazutaka Yamamoto			
Effective 01/01/2003, Patent fees are subject to annual revision.	[Examiner Name			Not Yet Assigned			
Applicant claims small entity status. See 37 CFR 1.27		Art Ur	nit		N/A			
TOTAL AMOUNT OF PAYMENT (\$) 770.00		Attom	ey Do	ket No	o. R2180.0059/P059-G			
METHOD OF PAYMENT (check all that apply)				FEE	CALCULATION (continued)			
Check X Credit Money Order Other None X Deposit Account:	3. ADDITIONAL FEES							
X Deposit Account:	Large	Entity	Small	Entity	_			
Account Number 04-1073	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description Fee Paid			
Deposit Account Dickstein Shapiro Morin &	1051	130	2051	65	Surcharge – late filing fee or oath			
Name Oshinsky LLP The Director is authorized to: (check all that apply)	1052	50	2052	25	Surcharge – late provisional filing fee or cover sheet.			
X Charge fee(s) indicated below X Credit any overpayments	1053	130	1053	130	Non-English specification			
X Charge any additional fee(s) during the pendency of this application	1812	2,520	1812	2,520	For filing a request for ex parte reexamination			
Charge fee(s) indicated below, except for the filing fee	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action			
to the above-identified deposit account.	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action			
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month			
1. BASIC FILING FEE	1252	410	2252	205	Extension for reply within second month			
Large Entity Small Entity	1253	930	2253	465	Extension for reply within third month			
Fee Fee Fee Fee Fee Pescription Fee Paid Code (\$) Code (\$)	1254	1,450	2254	725	Extension for reply within fourth month			
1001 750 2001 375 Utility filing fee 770.00	1255	1,970	2255	985	Extension for reply within fifth month			
1002 330 2002 165 Design filing fee	1401	320	2401	160	Notice of Appeal			
1003 520 2003 260 Plant filing fee	1402	320	2402	160	Filing a brief in support of an appeal			
1004 750 2004 375 Reissue filing fee	1403	280	2403	140	Request for oral hearing			
1005 160 2005 80 Provisional filing fee	1451	1,510	1451		Petition to institute a public use proceeding			
SUBTOTAL (1) (\$) 770.00	1452	110	2452	55	Petition to revive – unavoidable			
	1453	1,300	2453	650	Petition to revive - unintentional			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Extra Fee from	1501	1,300	2501	650	Utility issue fee (or reissue)			
Claims below Fee Paid	1502	470	2502		Design issue fee			
Total Claims 1 -20** = 0 x 18.00 =	1503	630	2503		Plant issue fee			
Independent 1 -3** = 0 x 86.00 =	1460	130	1460	130	Petitions to the Commissioner			
Multiple Dependent =	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)			
Large Entity Small Entity	1806	180	1806	180	Submission of Information Disclosure Stmt			
Fee Fee Fee Fee Fee Description	8021	40	8021	40	Recording each patent assignment per			
Code (\$) Code (\$) 1202 18 2202 9 Claims in excess of 20	1809	750	2809	375	property (times number of properties) Filing a submission after final rejection			
1201 84 2201 42 Independent claims in excess of 3	1909	730	2009	3/5	(37 ČFR 1.129(a))			
1203 280 2203 140 Multiple dependent claim, if not paid	1810	750	2810	375	For each additional invention to be examined (37CFR 1.129(b))			
1204 84 2204 42 ** Reissue independent claims over original patent	1801	750	2801	375	Request for Continued Examination (RCE) Request for expedited examination			
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802 Other	900 fee (spe	1802	900	of a design application			
SUBTOTAL (2) (\$)		iced by E		ing Fee	e Paid SUBTOTAL (3) (\$) 0.00			
**or number previously paid, if greater; For Relssues, see above		, -						
SUBMITTED BY	n				(Complete (if applicable))			
Name (Print/Type) Christopher S. Chow	(Attorne	ration No ey/Agent)	² 46	,493	Теlephone (202) 775-4756			
Signature					Date . 10/6/03 _			